



Attorney's Docket No.: 08191-013001

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Applicant : Mary Lynne Hedley et al.

Art Unit : 1632

Serial No. : 09/664,225

Examiner : D. Nguyen

Filed : September 18, 2000

TECH CENTER 1600/2900

Title : NUCLEIC ACIDS ENCODING POLYPEPTIDE POLYPEPTIDES

Commissioner for Patents
Washington, D.C. 20231

RESPONSE TO OFFICE ACTION

In response to the Office Action dated April 24, 2002, please amend the application as follows.

In the Claims:

Cancel claims 45 and 67 without prejudice.

Amend claims 1, 5, 47, and 52 as follows:

1. (Amended) A nucleic acid encoding a hybrid polypeptide comprising a signal sequence and three segments, wherein the three segments are either contiguous or are separated by a spacer amino acid or spacer peptide:

(a) the first segment having the amino acid sequence of a first portion of a naturally occurring protein of a pathogenic agent, the first segment being at least eleven amino acids in length and comprising two epitopes;

(b) the second segment having the amino acid sequence of a second portion of a naturally occurring protein of a pathogenic agent, the second segment being at least eleven amino acids in length and comprising two epitopes different from the epitopes of (a); and

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

Date of Deposit

October 24, 2002

Signature

Joanne D. Boyle

Typed or Printed Name of Person Signing Certificate